

ATTACHMENT D
SCRAP URANIUM SHIPMENTS
FY53 – FY99

Uranium Scrap Shipped From SRS to Y-12, FY53 - FY99

5/11/00

Fiscal Year	Metal		Process Residues		Total MTU	Range of Estimated / Measured Constituents				
	MTU	²³⁵ U %	MTU	²³⁵ U %		²³⁹ Pu, ppb	²³⁸ Pu, ppb	²³⁷ Np, ppb	²³⁶ U, kg.	⁹⁹ Tc, ppm
1953										
1954	0.51	0.71%			0.51					
1955	0.44	0.71%	0.06	93.16%	0.50					
1956			0.32	93.16%	0.32					
1957			1.25	27.52%	1.25					
1958			0.36	91.24%	0.36					
1959	1.58	0.71%	0.29	82.31%	1.87					
1960	2.09	0.71%	6.42	85.33%	8.51					
1961	0.02	94.04%	0.90	9.67%	0.92					
1962	0.13	0.00%	0.35	90.87%	0.48					
1963	0.00	82.98%	0.09	69.13%	0.09					
1964	0.03	93.77%	0.33	88.31%	0.36					
1965	0.69	1.94%	0.23	82.31%	0.92					
1966	0.25	83.92%	0.15	80.13%	0.40					
1967			0.26	67.38%	0.26					
1968	0.08	78.95%	0.02	76.77%	0.10					
1969			0.12	71.04%	0.12					
1970			0.06	79.72%	0.06					4
1971	0.06	0.28%	0.02	71.45%	0.08					2
1972			0.05	68.14%	0.05					12
1973	0.03	61.37%	0.05	66.18%	0.08					16
1974	0.02	64.29%	0.13	68.20%	0.15					24
1975			0.13	65.79%	0.13					26
1976			0.04	41.70%	0.04					7
1977			0.13	60.52%	0.13					29
1978			0.09	64.88%	0.09					19
1979			0.03	63.65%	0.03					6
1980	0.04	76.93%	0.03	56.89%	0.07					12
1981			0.11	62.29%	0.11					24
1982	0.04	65.57%	0.04	69.74%	0.08					14
1983	0.03	2.74%	0.16	68.25%	0.19					25
1984	0.00	69.62%	0.25	68.95%	0.25					25
1985			0.04	67.80%	0.04					10
1986	0.01	59.05%	0.28	66.68%	0.29					44
1987										
1988										
1989										
1990										
1991										
1992										
1993										
1994	0.47	65.35%			0.47					
1995										
1996										
1997										
1998										
1999										
Total	6.51		12.78		19.30					302

Uranium Scrap Shipped From SRS to Fernald, FY53 - FY99					2/20/01				
Fiscal Year	Metal		Process Residues		Total	Range of Estimated / Measured Constituents			
	MTU	^{235}U %	MTU	^{235}U %		ppb	^{239}Pu , ppb	^{239}Np , ppb	^{236}U , kg.
1953	9	0.71%			9	1.75		299	2279
1954	231	0.71%			231	1.75		299	2279
1955	261	0.71%			261	1.75		299	2279
1956	322	0.71%			322	1.75		299	2279
1957	223	0.71%			223	1.75		299	2279
1958	73	0.71%			73	1.75		299	2279
1959	950	0.71%			950	1.75		299	2279
1960	434	0.71%			434	1.75		299	2279
1961	112	0.77%			112	1.75		299	2279
1962	168	0.71%			168	1.75		299	2279
1963	282	0.70%			282	1.75		299	2279
1964	398	0.76%			398	1.75		299	2279
1965	434	0.79%			434	1.75		299	2279
1966	323	0.82%			323	1.75		299	2279
1967	144	0.80%	1	0.79%	145	1.75		299	2279
1968	208	0.67%	1	2.83%	209	0.007		2.54	9.12
1969	473	0.59%			473	0.007		2.54	9.12
1970	138	0.60%			138	0.007		2.54	9.12
1971	60	0.33%			60	0.007		2.54	9.12
1972	73	0.59%			73	0.007		2.54	9.12
1973	130	0.16%			130	0.007		2.54	9.12
1974	85	0.49%			85	0.007		2.54	9.12
1975	11	0.37%			11	0.007		2.54	9.12
1976	34	0.42%			34	0.007		2.54	9.12
1977	2	0.18%			2	0.007		2.54	9.12
1978	14	0.20%			14	0.007		2.54	9.12
1979	16	0.20%			16	0.007		2.54	9.12
1980	93	0.71%			93	0.007		2.54	9.12
1981	19	0.66%			19	0.007		2.54	9.12
1982	15	0.21%			15	0.007		2.54	9.12
1983	23	0.23%			23	0.007		2.54	9.12
1984	190	0.42%			190	0.007		2.54	9.12
1985	152	0.31%			152	0.007		2.54	9.12
1986	87	0.19%			87	0.007		2.54	9.12
1987	119	0.20%			119	0.007		2.54	9.12
1988	270	0.20%			270	0.007		2.54	9.12
1989									
1990									
1991									
1992									
1993									
1994									
1995									
1996									
1997									
1998									
1999									
<i>Total</i>	6,578		2		6,580				